

WHAT IS CLAIMED IS:

1. Anelectroniccontrolleddriveapparatus that conducts drive control of an internal combustion engine which is provided in a moving vehicle, comprising:

control means having an operational lever;

target value calculating means for calculating a target throttle opening degree and a target shift position based on an inputted position of the operational lever;

a throttle actuator that opens or closes a throttle of the internal combustion engine in accordance with the target throttle opening degree by a control of the control means;

a shift actuator that actuates a shift in accordance with the target shift position by a control of the control means;

engine rotation number holding means for obtaining an engine rotation number when the target shift position is released and holding the obtained engine rotation number; and

waiting time calculating means for calculating a shift drive waiting time in accordance with the held engine rotation number,

wherein the control means starts counting of the shift drive waiting time when the target shift position is released, and allows the shift actuator to be driven after a lapse of the shift drive waiting time.

2. Anelectroniccontrolleddriveapparatus that conducts drive

control of an internal combustion engine which is provided in a moving vehicle, comprising:

control means having an operational lever;

target value calculating means for calculating a target throttle opening degree and a target shift position based on an inputted position of the operational lever;

a throttle actuator that opens or closes a throttle of the internal combustion engine in accordance with the target throttle opening degree by a control of the control means;

a shift actuator that actuates a shift in accordance with the target shift position by a control of the control means;

engine rotation number holding means for obtaining an engine rotation number when the target shift position is released and holding the obtained engine rotation number; and

waiting time calculating means for calculating a shift drive waiting time in accordance with the held engine rotation number,

wherein the control means starts counting of the shift drive waiting time when the shift actuator is released, and allows the shift actuator to be driven after a lapse of the shift drive waiting time.

3. An electronic controlled drive apparatus that conducts drive control of an internal combustion engine which is provided in a moving vehicle, comprising:

control means having an operational lever;

target value calculating means for calculating a target throttle opening degree and a target shift position based on an inputted position of the operational lever;

a throttle actuator that opens or closes a throttle of the internal combustion engine in accordance with the target throttle opening degree by a control of the control means;

a shift actuator that actuates a shift in accordance with the target shift position by a control of the control means;

engine rotation number holding means for obtaining an engine rotation number when the shift actuator is released and holding the obtained engine rotation number; and

waiting time calculating means for calculating a shift drive waiting time in accordance with the held engine rotation number,

wherein the control means starts counting of the shift drive waiting time when the shift actuator is released, and allows the shift actuator to be driven after a lapse of the shift drive waiting time.